

AMENDMENTS TO THE SPECIFICATION

Please replace the first full paragraph that begins at page 11, line 12, and ends at page 12, line 7, with the following amended paragraph:

Figure 7 shows another translation and protection table (TPT) 260 according to an example embodiment of the present invention. Figure 7 also shows a translation entry 300, a region entry 400 and a key entry 500 that will be described below. This TPT table 260 includes two types of tables imbedded within a single TPT table. The two types of tables correspond with two types of entries (i.e., translation entries and region entries). The two types of entries may be distinguished by an entry type bit as will be described below. Region entries may be called (or classified as) local region entries or bindable region entries. The collection of a local or bindable region entry and one or more translation entries describes a memory region that has been registered. At least one translation entry follows a region entry in the TPT table 260. For example, the entry 261 may be a region entry similar to the region entry 400. Because each region entry is followed by at least one translation entry, then at least the entry 262 is within the region (or table) defined by the region entry 261. The entries 263, 264 and 265 may also be within the region (or table) defined by the region entry 261. Each region entry may correspond to a specific region within the TPT table 260 as compared with a single entry for each translation entry. The TPT table 260, the key entry 500, the translation entry 300 and the region entry 400 represent one example embodiment

of the present invention as other embodiments, configurations, and arrangements are also within the scope of the present invention.

Please replace the first full paragraph that begins at page 17, line 18, and ends at page 18, line 9, with the following amended paragraph:

Embodiments of the present invention may provide a memory window feature that allows remote access rights to selected portions of the existing registered memory region. This may be referred to as binding a window. Stated differently, the region entry 400 may correspond to a specific region within the TPT table. For example, the TPT table 260 may include different entries 261, 262, 263, 264, 265 and 266. The region entry 400 may correspond to the entry 261. Each of the entries 262-265 may correspond to a specific translation entry 300 which may be a part of the region. The bit of the entry type field 402 may distinguish between the different types of entries (i.e., a translation entry or a region entry). Further, a remote entity may be given remote access rights to write (or modify) to a specific area within a region entry, such as 100 bytes of a region entry, by using a window region entry (i.e., ~~form~~ from a memory window). The base address and the lengths in the window extension entries would identify the 100 bytes of the region entry.